



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 6

Test Date: March 2009
Code: 12451875
SAU: MSAD 51
School: Greely Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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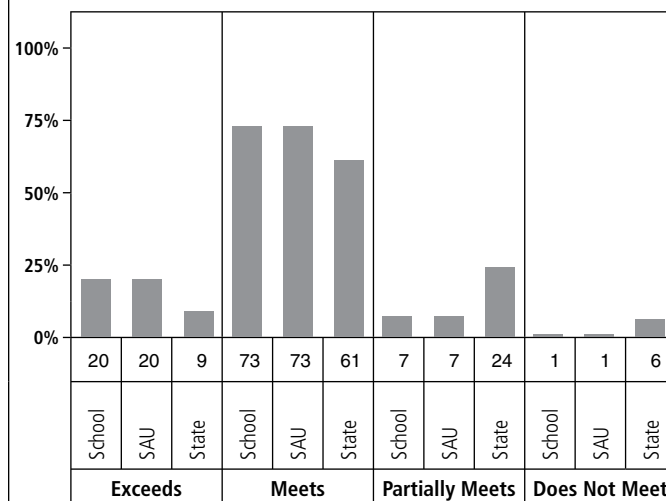
SUMMARY OF SCORES

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

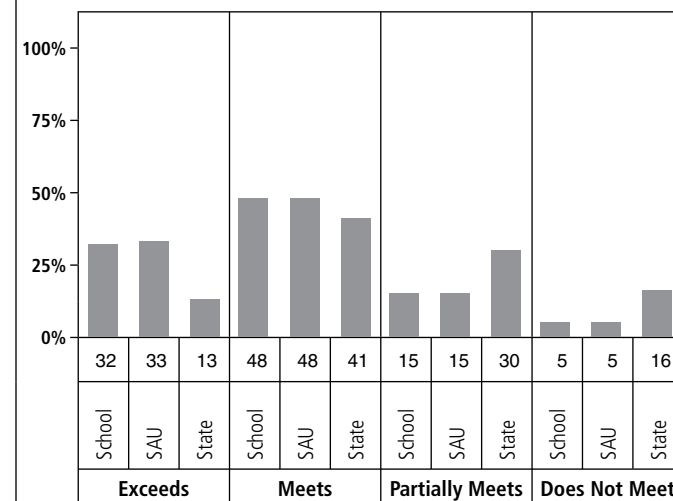
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	653	653	646
2007–2008	653	653	648
2008–2009	654	654	647
Cum. Avg.*	653	653	647
Mathematics			
2006–2007	651	651	643
2007–2008	650	650	642
2008–2009	655	655	643
Cum. Avg.*	652	652	643

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	172	100	171	100	14251	100	171	100	170	100	14150	99	171	100	170	100	14156	100						
Ethnicity African American/Black	3	2	3	2	421	3	3	100	3	100	412	98	3	100	3	100	415	99						
American Indian or Native Alaskan	0	0	0	0	128	1	0	0	0	0	127	99	0	0	0	0	128	100						
Asian or Pacific Islander	1	1	1	1	212	1	1	100	1	100	210	99	1	100	1	100	212	100						
Hispanic	0	0	0	0	181	1	0	0	0	0	177	98	0	0	0	0	178	99						
Caucasian/White	168	98	167	98	13309	93	167	100	166	100	13224	100	167	100	166	100	13223	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	12	7	12	7	2468	17	11	100	11	100	2423	99	11	100	11	100	2426	99						
Current LEP	0	0	0	0	341	2	0	0	0	0	330	97	0	0	0	0	338	99						
Economically disadvantaged	12	7	12	7	5780	41	12	100	12	100	5724	99	12	100	12	100	5725	99						
Migrant	0	0	0	0	4	0	0	0	0	0	4	100	0	0	0	0	4	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	158	92	158	92	11369	80	158	92	158	92	11373	80						
Identified disability (PET/IEP)	1	1	1	1	355	3	1	1	1	1	371	3						
LEP	0	0	0	0	167	1	0	0	0	0	170	1						
504 plan	2	1	2	1	172	2	2	1	2	1	175	2						
Participation with accommodations	11	6	10	6	2594	18	12	7	11	6	2605	18						
Identified disability (PET/IEP)	8	73	8	80	1881	73	9	75	9	82	1877	72						
LEP	0	0	0	0	155	6	0	0	0	0	161	6						
504 plan	2	18	2	20	74	3	2	17	2	18	71	3						
Other	1	9	0	0	519	20	1	8	0	0	532	20						
Participation through alternate assessment (PAAP)	2	1	2	1	187	1	1	1	1	1	178	1						
Identified disability (PET/IEP)	2	100	2	100	187	100	1	100	1	100	178	100						
LEP	0	0	0	0	8	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	1	1	1	1	26	0	1	1	1	1	25	0						
Non-participation – other	0	0	0	0	75	1	0	0	0	0	70	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 662–680)	2006-2007	32	17	32	17	1132	8
	2007-2008	35	20	35	20	1817	13
	2008-2009	33	20	33	20	1309	9
	Cum. Total*	100	19	100	19	4258	10
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 642–660)	2006-2007	125	66	125	66	8127	57
	2007-2008	116	65	112	64	8072	57
	2008-2009	124	73	123	73	8564	61
	Cum. Total*	365	68	360	68	24763	59
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 630–640)	2006-2007	26	14	26	14	3549	25
	2007-2008	21	12	21	12	3194	23
	2008-2009	11	7	11	7	3291	24
	Cum. Total*	58	11	58	11	10034	24
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 600–628)	2006-2007	5	3	5	3	1478	10
	2007-2008	7	4	7	4	981	7
	2008-2009	1	1	1	1	799	6
	Cum. Total*	13	2	13	2	3258	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	39.0	69.6	39.1	69.8	33.8	60.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.9	69.5	13.9	69.5	11.9	59.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	25.1	69.7	25.2	70.0	21.9	60.8

The MEA assesses students’ reading skills based on questions related to three types of reading passages: literary, informational, and persuasive. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 51
 School: Greely Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	169	33	20	124	73	11	7	1	1	654	168	20	73	7	1	654	13963	9	61	24	6	647
Ethnicity																						
African American/Black	3										3						403	5	46	34	15	641
American Indian or Native Alaskan	0										0						125	4	49	38	10	642
Asian or Pacific Islander	1										1						206	18	56	20	6	649
Hispanic	0										0						174	5	55	33	7	644
Caucasian/White	165	32	19	121	73	11	7	1	1	654	164	20	73	7	1	654	13055	9	62	23	5	647
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	4	44	4	44	1	11	642	9	0	44	44	11	642	2236	1	30	48	22	637
No	160	33	21	120	75	7	4	0	0	654	159	21	75	4	0	654	11727	11	67	19	3	649
Current LEP																						
Yes	0										0						322	2	39	37	21	638
No	169	33	20	124	73	11	7	1	1	654	168	20	73	7	1	654	13641	10	62	23	5	647
Economically disadvantaged																						
Yes	12	0	0	10	83	2	17	0	0	649	12	0	83	17	0	649	5617	4	54	33	9	643
No	157	33	21	114	73	9	6	1	1	654	156	21	72	6	1	654	8346	13	66	17	3	650
Migrant																						
Yes	0										0						4					
No	169	33	20	124	73	11	7	1	1	654	168	20	73	7	1	654	13959	9	61	24	6	647
Gender																						
Female	88	22	25	62	70	4	5	0	0	655	88	25	70	5	0	655	6743	13	63	20	4	649
Male	81	11	14	62	77	7	9	1	1	652	80	14	76	9	1	652	7220	6	60	27	7	645
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1408	4	41	43	12	641
No	169	33	20	124	73	11	7	1	1	654	168	20	73	7	1	654	12555	10	64	21	5	648
Gifted/talented program																						
Yes	9	8	89	1	11	0	0	0	0	667	9	89	11	0	0	667	636	39	59	2	0	659
No	160	25	16	123	77	11	7	1	1	653	159	16	77	7	1	653	13327	8	61	25	6	647

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	5	47	32	16	642
B. less than one hour	39	14	21	42	64	9	14	1	2	652	39	21	64	14	2	652	59	9	62	24	5	647
C. one to two hours	59	18	18	80	80	2	2	0	0	654	59	18	80	2	0	654	32	11	64	21	4	648
D. more than two hours	2	1	33	2	67	0	0	0	0	655	2	33	67	0	0	655	3	10	50	26	13	644
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	25	13	31	28	67	1	2	0	0	657	25	31	67	2	0	657	31	17	66	14	3	651
B. good	60	17	17	78	78	5	5	0	0	653	60	17	78	5	0	653	48	8	64	23	5	647
C. fair	14	3	13	15	63	5	21	1	4	649	14	13	63	21	4	649	18	2	48	40	10	641
D. poor	1	0	0	2	100	0	0	0	0	650	1	0	100	0	0	656	2	1	34	47	18	638
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	24	9	22	30	73	2	5	0	0	654	24	23	73	5	0	655	38	13	65	18	3	650
B. They match some of what I have learned.	57	18	19	74	76	4	4	1	1	654	58	19	76	4	1	654	49	8	63	24	5	647
C. They match just a little of what I have learned.	17	6	21	19	66	4	14	0	0	653	17	21	66	14	0	653	10	5	48	36	11	642
D. There is no match.	1	0	0	1	50	1	50	0	0	644	1	0	50	50	0	644	3	3	35	38	24	639
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	19	4	13	26	81	1	3	1	3	652	19	13	81	3	3	652	16	7	52	30	11	644
B. about the same as my regular schoolwork	70	24	21	83	71	10	9	0	0	654	70	21	71	9	0	654	66	10	64	22	4	648
C. easier than my regular schoolwork	11	5	26	14	74	0	0	0	0	656	11	28	72	0	0	657	17	11	61	22	5	648
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	5	83	0	0	1	17	646	4	0	83	0	17	646	10	2	39	42	17	639
B. Most of the passages were about the same as what I normally read.	60	12	12	78	78	10	10	0	0	652	60	12	78	10	0	652	55	6	62	27	5	646
C. Most of the passages were easier than what I normally read.	37	20	33	40	66	1	2	0	0	657	36	33	65	2	0	657	35	16	67	14	3	651
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	46	16	21	59	76	2	3	1	1	654	46	21	76	3	1	654	48	10	60	24	6	647
B. I tried about the same as I do on my regular schoolwork.	50	17	20	60	71	8	9	0	0	653	50	20	70	10	0	653	49	10	63	22	5	648
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	5	83	1	17	0	0	650	4	0	83	17	0	650	3	3	53	29	15	642
How much time do you spend reading at home each day?																						
A. more than one hour	21	9	26	23	66	3	9	0	0	656	21	26	66	9	0	656	23	15	65	16	4	650
B. 20 minutes to an hour	55	15	16	75	81	3	3	0	0	653	55	16	80	3	0	653	49	10	64	22	4	648
C. less than 20 minutes	12	7	33	12	57	1	5	1	5	654	13	33	57	5	5	654	11	6	58	29	7	645
D. I rarely read at home.	12	2	10	14	70	4	20	0	0	650	12	10	70	20	0	650	17	2	51	36	11	642
Optional school/SAU question																						
A.	0										0											
B.	67	0	0	2	100	0	0	0	0	654	67	0	100	0	0	654						
C.	0										0											
D.	33	0	0	1	100	0	0	0	0	652	33	0	100	0	0	652						

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 662–680)	2006-2007	49	26	49	26	2092	15
	2007-2008	33	18	33	19	1474	10
	2008-2009	55	32	55	33	1807	13
	Cum. Total*	137	26	137	26	5373	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 642–660)	2006-2007	89	47	89	47	5731	40
	2007-2008	101	56	98	56	6008	43
	2008-2009	82	48	81	48	5662	41
	Cum. Total*	272	51	268	50	17401	41
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 628–640)	2006-2007	38	20	38	20	4175	29
	2007-2008	28	16	28	16	4244	30
	2008-2009	25	15	25	15	4219	30
	Cum. Total*	91	17	91	17	12638	30
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 600–626)	2006-2007	12	6	12	6	2308	16
	2007-2008	17	9	16	9	2346	17
	2008-2009	8	5	8	5	2290	16
	Cum. Total*	37	7	36	7	6944	16

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	39.0	69.6	39.1	69.8	30.6	54.6
A. Number	18	32	13.1	72.8	13.2	73.3	10.3	57.2
B. Data	12	21	8.3	69.2	8.3	69.2	6.6	55.0
C. Geometry	14	25	9.4	67.1	9.5	67.9	7.3	52.1
D. Algebra	12	21	8.2	68.3	8.2	68.3	6.5	54.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 6
 SAU: MSAD 51
 School: Greely Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	170	55	32	82	48	25	15	8	5	655	169	33	48	15	5	655	13978	13	41	30	16	643
Ethnicity																						
African American/Black	3										3						406	4	26	36	34	633
American Indian or Native Alaskan	0										0						126	4	29	40	28	635
Asian or Pacific Islander	1										1						208	18	47	23	12	647
Hispanic	0										0						175	5	31	41	23	638
Caucasian/White	166	54	33	80	48	25	15	7	4	655	165	33	48	15	4	655	13063	13	41	30	16	643
Not Reported	0										0						0					
Identified disability																						
Yes	10	2	20	3	30	2	20	3	30	642	10	20	30	20	30	642	2248	3	18	33	46	629
No	160	53	33	79	49	23	14	5	3	656	159	33	49	14	3	656	11730	15	45	30	11	646
Current LEP																						
Yes	0										0						331	3	22	35	40	631
No	170	55	32	82	48	25	15	8	5	655	169	33	48	15	5	655	13647	13	41	30	16	643
Economically disadvantaged																						
Yes	12	1	8	5	42	3	25	3	25	642	12	8	42	25	25	642	5620	6	33	37	25	637
No	158	54	34	77	49	22	14	5	3	656	157	34	48	14	3	656	8358	18	45	26	11	647
Migrant																						
Yes	0										0						4					
No	170	55	32	82	48	25	15	8	5	655	169	33	48	15	5	655	13974	13	41	30	16	643
Gender																						
Female	88	25	28	46	52	11	13	6	7	654	88	28	52	13	7	654	6738	12	40	32	16	642
Male	82	30	37	36	44	14	17	2	2	656	81	37	43	17	2	657	7240	14	41	29	16	644
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						1410	3	24	41	32	634
No	170	55	32	82	48	25	15	8	5	655	169	33	48	15	5	655	12568	14	42	29	15	644
Gifted/talented program																						
Yes	9	9	100	0	0	0	0	0	0	674	9	100	0	0	0	674	637	65	32	3	0	665
No	161	46	29	82	51	25	16	8	5	654	160	29	51	16	5	654	13341	10	41	31	17	642

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NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 6
SAU: MSAD 51
School: Greely Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	0										0						6	7	32	28	32	636
B. less than one hour	39	21	31	30	45	13	19	3	4	654	40	31	45	19	4	654	59	13	41	30	16	643
C. one to two hours	59	33	33	50	50	12	12	5	5	656	59	33	49	12	5	656	32	14	41	31	14	644
D. more than two hours	2	1	33	2	67	0	0	0	0	661	2	33	67	0	0	661	3	11	31	33	26	639
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	38	32	50	27	42	4	6	1	2	662	38	50	42	6	2	662	30	27	45	18	9	651
B. good	52	22	25	49	55	16	18	2	2	653	52	25	55	18	2	654	46	9	45	31	15	643
C. fair	10	1	6	6	35	5	29	5	29	639	10	6	35	29	29	639	20	2	29	43	26	635
D. poor	0										0						4	1	15	46	38	630
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	33	21	38	21	38	9	16	5	9	655	33	38	38	16	9	655	35	18	42	27	13	646
B. They match some of what I have learned.	57	29	30	56	58	9	9	3	3	656	57	30	57	9	3	656	50	11	43	31	15	643
C. They match just a little of what I have learned.	9	3	20	5	33	7	47	0	0	648	9	20	33	47	0	648	13	8	31	36	26	638
D. There is no match.	1	2	100	0	0	0	0	0	0	670	1	100	0	0	0	670	3	5	16	27	51	628
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	34	15	26	31	54	10	18	1	2	653	34	26	54	18	2	653	32	7	40	34	20	640
B. about the same as my regular schoolwork	54	25	27	46	51	13	14	7	8	654	53	28	50	14	8	654	56	13	42	30	15	644
C. easier than my regular schoolwork	13	15	68	5	23	2	9	0	0	666	13	68	23	9	0	666	12	31	36	20	13	650
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	48	27	33	41	51	10	12	3	4	655	47	34	50	13	4	655	51	11	41	31	16	643
B. I tried about the same as I do on my regular schoolwork.	48	26	32	37	45	15	18	4	5	655	49	32	45	18	5	655	45	15	41	29	16	644
C. I did not try as hard on this test as I do on my regular schoolwork.	4	2	29	4	57	0	0	1	14	655	4	29	57	0	14	655	4	12	28	32	28	638
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	6	3	30	5	50	2	20	0	0	656	6	30	50	20	0	656	6	8	29	29	34	635
B. 30–45 minutes	29	14	29	25	51	5	10	5	10	653	29	29	51	10	10	653	33	10	37	34	19	641
C. 45–60 minutes	63	38	36	50	47	16	15	3	3	657	63	36	47	15	3	657	45	15	44	29	12	645
D. more than 60 minutes	2	0	0	2	50	2	50	0	0	640	2	0	33	67	0	639	16	15	41	28	16	644
How often do you use calculators in mathematics class?																						
A. almost every day	17	24	83	3	10	0	0	2	7	667	17	83	10	0	7	667	9	14	35	29	22	641
B. two or three days a week	31	23	43	22	42	6	11	2	4	658	31	43	42	11	4	658	26	15	40	30	16	644
C. two or three times each month	38	6	9	42	66	13	20	3	5	650	37	10	65	21	5	650	31	13	43	30	14	644
D. never or almost never	14	2	8	15	63	6	25	1	4	648	14	8	63	25	4	648	34	11	40	31	18	642
How often do you use hands-on materials in mathematics class?																						
A. almost every day	26	10	22	21	47	9	20	5	11	649	26	23	45	20	11	649	17	8	35	33	24	639
B. two or three days a week	35	21	36	28	47	8	14	2	3	657	35	36	47	14	3	657	28	13	42	30	15	643
C. two or three times each month	26	16	36	23	51	5	11	1	2	658	27	36	51	11	2	658	31	15	43	30	13	645
D. never or almost never	12	8	38	10	48	3	14	0	0	658	12	38	48	14	0	658	23	14	39	30	17	643
Optional school/SAU question																						
A.	0										0											
B.	67	1	50	0	0	1	50	0	0	654	67	50	0	50	0	654						
C.	0										0											
D.	33	1	100	0	0	0	0	0	0	672	33	100	0	0	0	672						

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